



FY2009 (7/1/08 – 6/30/09) Annual Work Plan Kittitas County Conservation District

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Mission of the Kittitas County Conservation District

- *Provide leadership, technical, educational and financial assistance to landowners and land users in their utilization and management of natural resources*

Natural Resource Priorities and Goals:

- *Irrigation Water Use Efficiency – Improve Irrigation Efficiencies on 272 acres of irrigated cropland and plan irrigation efficiencies on another 320 acres of irrigated cropland; plan irrigation delivery efficiency improvements on two canals; and install small acreage projects to improve water use efficiency on 20 acres.*
- *Soil Erosion - Apply PAM to 1,800 acres of irrigated cropland to reduce sediment in return flow; and improve Cle Elum River floodplain by blocking vehicle access and restoring damaged areas.*
- *Fish Passage - Eliminate 14 barriers to fish passage (Jack Creek, Indian Creek, Manastash Creek, Reecer Creek, Fogarty/Sorenson, Cherry Creek, Parke Creek, Coleman Creek) and plan the removal of 11 more (Manastash Creek, Nelson Creek, and Coleman Creek).*
- *Fish Screens - Install approved screening structures or facilities at 9 irrigation water diversions (Manastash Creek, Reecer Creek, Coleman Creek, and Cherry Creek) and plan 3 additional installations (Coleman Creek).*
- *Water Quality- Continue the small acreage technical and financial assistance program that specifically includes small livestock owners and targets landowners who may not be eligible for other programs (e.g. NRCS' Environmental Quality Incentives Program). Work with City of Cle Elum to assess stormwater sources and structures and plan a small stormwater project.*
- *Riparian Habitat- Install grasses, trees and shrubs on 0.9 acres of riparian area on Parke Creek, Caribou Creek, Cherry Creek, Manastash Creek, and Middlefork Teanaway River; and maintain trees and shrubs planted in FY2005-FY2009.*
- *Small Parcels and Natural Resource Impacts – Continue the new landowner orientation program including information packets and on-site visits to provide information about weed control, irrigation, wildlife habitat, water quality and fire protection.*
- *Land Fragmentation – Work with Department of Natural Resources and others on Community Fire planning and urban/wildland interface BMPS for wildfire prevention and control; and continue to work with partnering groups to develop farmland conservation programs.*
- *Assess Water Quality- Collect water temperature data in the Manastash Watershed; and assist with compliance monitoring for the Upper Yakima River Suspended Sediment and Organochlorine TMDL*

Information – Education Priorities and Goals:

- *KCCD's Long Term Goal- Provide information/education opportunities to all ages and backgrounds in order to increase their knowledge and understanding of natural resources in Kittitas County using venues such as newsletters, a website, workshops and public events.*
- *Youth Education Goal-By June 2009 offer educational opportunities to over 300 K-12 students in Kittitas County*
- *Private Landowner Goal- By June 2009, offer educational materials (four newsletters, Rural Living Handbook, Small Ranch Manual) and opportunities to 2000 private landowners, specifically targeting water right holders (for Irrigation Efficiencies, fish screening/passage) and small acreage landowners (less than 20 acres)*

Program Area: *Irrigation Efficiency Improvements***Goal(s):** *Provide irrigators/ landowners with opportunities to improve irrigation delivery and application systems and improve in-stream flow.***Funding Source(s):** *Irrigation Efficiencies (Washington Conservation Commission), Department of Ecology (Water Infrastructure Funds), the Salmon Recovery Funding Board (Lower Reecer Creek Project, Cherry Creek), Manastash In-stream Flow Enhancement (Bonneville Power Administration) and Columbia River Basin Water Management Program (MWDA Pipeline).*

Activities for FY2009	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Pipe 1 mile of open earthen ditch to serve 22 acres with Reecer Creek irrigation water using Salmon Recovery Funding Board and Water infrastructure funds.	July 2008 to April 2009	DM, RTY, RTI, PE	23	\$ 67,352
Convert to linear or pivot sprinklers on 192 acres (Coleman Creek, Various Creeks, Fogarty Ditch) using Irrigation Efficiencies Program and Water Infrastructure Funds.	July 2008 to June 2009	RTI	65	\$ 536,909
Prepare irrigation efficiency projects (rill to sprinkler conversions) on 320 acres (Taneum Creek, and Parke Creek) for implementation in FY2010 with Irrigation Efficiency funds.	July 2008 to June 2009	RTI	22	\$ 5,883
Prepare irrigation efficiency project (pipeline installations) for canal company serving 2000 acres (Wilson Creek) for implementation in FY2010 with Irrigation Efficiency funds.	July 2008 to June 2009	RTI	8	\$ 2,071
Improve delivery and application of irrigation to and on small acreages using Implementation Funds on approximately 20 acres.	July 2008 to June 2009	RTI, PE	63	\$ 42,848
Manastash Restoration Project- Install a sprinkler system on 80 acres under the Menastash Water Ditch Association (MWDA), and engineer and design a pipeline for the MWDA	July 2008 to March 2009	PM, DM, PE, Consulting Engineer	159	\$ 251,279

Program Area: *Water Measurement***Goal(s):** *Assist water right holders to comply with Yakima County Superior Court Order to install water measuring devices.***Funding Source(s):** *Washington Department of Ecology*

Activities for FY2009	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Assist 10 water right owners to install water measuring devices on their surface water diversions in Kittitas County (including technical assistance).	July 2008 to June 2009	RTI, FM, PM	32.5	\$ 31,149

Program Area: *Fish Screening, Passage and Habitat*

Goal(s): *Assist private landowners with fish screening, passage and habitat issues.*

Funding Source(s): *Funding is expected from Bonneville Power Administration (via South Central RC&D), Salmon Recovery Funding Board (3 current grants), Department of Ecology (Water Infrastructure, Manastash Restoration Project), and Western Federal Lands Highway Division.*



Activities for FY2009	Target Dates	Person Responsible	Time (Days) Required	Estimated Funding
Finalize design, procure permits, and construct a fish screen and fish passage facility at one diversion structure and remove another diversion structure (barrier) on Lower Reecer Creek.	July 2008 to Feb 2009	DM, Consulting Engineers, RTY	71	\$ 274,390
Construct a ring well to replace the Greer Ditch diversion in Fogarty Ditch.	July 2008 to June 2009	DM, RTI, PE	4	\$ 11,255
Replace culverts on Jack and Indian Creek in the Teanaway to correct fish passage barriers (monitor construction, secure additional funding if necessary).	July 2008 to Oct 2008	DM, RTY, PE, RYI, PM, Consultants	227	\$ 730,697
Finalize design, procure permits and remove a fish passage barrier on Parke Creek	July 2008 to January 2009	PE, RTY, DM	19	\$ 57,597
Finalize design and procure permits to reconstruct two gravity diversions on Cherry Creek to accommodate fish passage and install fish screens; provide a fish screen for a pump diversion; and construct a pump station with proper fish screens.	July 2008 to October 2008	DM, PE, RTY, RT, Consultants	44	\$ 462,852
Tributary Teams- Facilitate meetings of three tributary teams to discuss progress and priorities.	Jan 2009 to March 2009	DM, RTY	7	\$ 2,002
Design and Engineer fish screen, fish passage, or fish habitat projects (Coleman Creek (EWC), Parke Creek, Nelson Creek, Naneum Creek).	July 2008- June 2009	DM, PE, RTY, Consultants	47.5	\$ 144,969
Manastash Restoration Project- Construct facilities to provide fish screens and fish passage for three surface water diversions (three structures- Barnes, Keach/Jensen and Consolidated/MWDA) and remove the "Abandoned Dam" to provide for fish passage. (Consolidated diversion includes 7,400' of pipe)	July 2008 to Feb 2008	PM, DM, PE, RTY, RYI, Consultants	252	\$ 1,353,366

Program Area: *Riparian Habitat Improvements***Goal(s):** *Plant trees, shrubs and grasses on 0.9 acres of riparian lands and maintain FY05-FY08 plantings on 5.7 acres.***Funding Source(s):** *Yakima Tributary Access and Habitat Program (BPA via South Central RC&D); the Salmon Recovery Funding Board (Lower Wilson Creek); Water Infrastructure grants; Conservation Commission Implementation grant; and CREP.*

Activities for FY2009	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Complete riparian planting plan for 2.5 acres on Coleman Creek (Burris, Nisbet), 1.5 acres on Manastash Creek (E/W of Cove Road), and assist with plan for 40 acres on Lower Reecer Creek	January 2009 to March 2009	RTY, TT	15	\$ 3,978
Plant 0.1 acre on Parke Creek, 0.5 acres on Cherry Creek, 0.1 acres on Caribou Creek, 0.5 acres on Manastash Creek, and 0.2 acres on Middlefork Teanaway River	Oct 2008 to June 2009	RTY, GS, WCC Crew	60	\$ 57,701
Maintain 0.2 acre on Coleman Creek, 1.25 acres in Teanaway mainstem, Middle Fork and North Fork Teanaway, 2.0 acres on lower Wilson Creek, 0.5 acres on Currier Creek, and 1.5 acres on Lmuma Creek	July 2008 to June 2008	RTY, GS, WCC Crew	36	\$ 29,209

Program Area: *Reduce Erosion and Improve Water Quality***Goal(s):** *Apply polyacrylamide to 1,800 acres of irrigated cropland and assist 15 small acreage and/or livestock owners. Work with urban and suburban landowners to determine stormwater management needs and restore floodplain by blocking vehicle access and de-compacting soils.***Funding Source(s):** *Washington Conservation Commission, Ecology Centennial Grant (Stormwater), Kittitas County Special Assessment Funds, Kittitas County Road Fund, and Hussman Grant (Cle Elum River)*

Activities for FY2009	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Provide cost share assistance to 18 landowners for PAM and PAM applicators on approximately 1,800 acres.	July 2008 to June 2009	DM, FM	22	\$ 13,000
Provide technical assistance to 30 landowners (including small acreage landowners, and livestock operators).	July 2008 to June 2009	GS, RTI, RTY, PM	23	\$ 16,464
Work with City of Cle Elum to assess stormwater sources and structures and to begin modeling stormwater	July 2008 to June 2009	DM, GS	101	\$ 30,045
Work on Cle Elum River Floodplain Restoration - Cooper Bridge Project	July 2008 to June 2009	DM, FM	3	\$ 50,000

Program Area: *Water Quality and Quantity Monitoring*

Goal(s): *Collect water quality (turbidity, temperature, discharge) data*

Funding Source(s): *Kittitas County Special Assessment Funds; Manastash In-stream Flow Enhancement Project (BPA); Yakima Tributary Access & Habitat Program (YTAHP).*



Activities for FY2009	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Collect in-stream flow data on various tributaries for use in the Yakima Tributary Access & Habitat Program	July 2008-June 2009	RTY, TT	47	\$ 10,167
Coordinate with Ecology and the Kittitas County Water Purveyors for compliance monitoring of the Upper Yakima Suspended Sediment and Organochlorine Pesticides TMDL.	July 2008-June 2009	GS, DM	7.5	\$ 2,353
Manastash Restoration Project- monitor temperature and discharge at 18 locations on Manastash Creek and in the Manastash Creek diversions.	July 2008-June 2009	PM, TT, RTY, Consulting Engineer	102	\$ 33,287

Program Area: *Fragmentation of Agricultural Lands*

Goal(s): *Research potential programs and funding sources to protect farmland from development.*

Funding Source(s): *Washington Conservation Commission, Kittitas County Special Assessment Funds*

Activities for FY2009	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Continue to research the use of conservation easement programs to protect viable agricultural lands from development.	July 2008 to June 2009	DM, GS	10	\$ 3,238

Program Area: *Urban Wildland Interface and Community Wildfire Protection*

Goal(s): *Assist Landowners to reduce wildfire risk in the Urban Wildland interface.*

Funding Source(s): *Kittitas County Special Assessment*

Activities for FY2009	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Provide a cost share program for landowners to implement fire prevention BMPs (e.g. Firewise) and continue to research other funding sources to expand the program.	July 2008 to June 2009	DM, GS	40	\$ 26,798
Participate in county-wide fire planning effort	July 2008 to June 2009	DM, GS	32	\$ 10,361

Program Area: Information/Education

Goal(s): Provide information/education opportunities to all ages and backgrounds in order to increase their knowledge and understanding of natural resources in Kittitas County using venues such as newsletters, a website, workshops and public events.

Funding Source(s): Kittitas County Special Assessment, Washington Conservation Commission Implementation Grant, Roy Bach Memorial Plant Sale.



Activities for FY2009	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Conduct Roy Bach Memorial Plant Sale (3,000 seedlings to 75 customers)	Jan 2009 to April 2009	FM, Volunteers	5	\$ 6,283
Complete seven Small Acreage Management workshops	Sept 2008 to Dec 2008	RTI	5	\$ 2,795
Complete quarterly newsletters with circulation of 5,000 and maintain website	July 2008 to June 2009	GS, DM FM	9.5	\$ 11,998
Provide natural resource education to K-12 students (plant sale grants, Ag Day, etc.)	July 2008 to June 2009	RTI, DM, FM	6.5	\$ 3,907

Program Area: District Operations

Goal(s): Complete operations in a time and funding efficient manner consistent with Washington Conservation Commission guidelines.

Funding Source(s): Kittitas County Special Assessment, Washington Conservation Commission Good Governance, overhead on all grants.



Activities for FY2009	Target Dates	Person Responsible	Time(Days) Required	Estimated Funding
Complete internal audit, Annual Financial Report, Annual Plan of Work, and Annual Report of Accomplishments.	March 2009 to May 2009	DM, FM, Board of Supervisors	21	\$ 6,156
Review existing KCCD policies (Purchasing & Contracting, Personnel, Cost Share) and continue to develop KCCD Operations Manual.	July 2008 to June 2009	DM, FM, Board of Supervisors	8.5	\$ 3,991
Complete Supervisor elections and appointments, and recruit one new Associate Supervisor.	Dec 2008 to March 2009	FM, DM, Board of Supervisors	10	\$ 2,553
Complete employee evaluations and review of salaries/wages	March 2009 to May 2009	DM, Board of Supervisors	6	\$ 1,632
Complete 12 monthly meetings and 4 special meetings of the Board of Supervisors and offer 2 training opportunities to Supervisors and Staff.	July 2008 to June 2009	DM, FM, Board of Supervisors	229	\$ 20,984

Complete preliminary design and cost estimate for Rural Service Center, search for funding to construct	July 2008 to June 2009	DM, GS, Board of Supervisors, Architect	69.0	\$ 45,185
Complete monthly vouchers for 20 different grants, monitor budgets, complete status reports and complete monthly payroll functions.	July 2008 to June 2009	FM, DM, Board of Supervisors	102.0	\$ 26,749

Person Responsible Key

DM- District Manager (Anna Lael)

FM- Financial Manager (Sara Leist)

GS- GIS Specialist (Suzanne Wade)

PE- Engineer Technician (Ryan Roberts)

RTI- Resource Technician Irrigation Efficiencies (Mark Crowley)

RTY- Resource Technician Yakima Tributary Access & Habitat Program (D.J. Shook)

PM- Project Manager (Sherry Swanson)

TT- Temporary Technician



Washington Conservation Districts assisting land managers with their conservation choices



FY2009 Annual Budget Kittitas County Conservation District

District budget for FY2009 (7/1/08 – 6/30/09)

The following budgets detail both project expenses by object (salaries, benefits, supplies, etc.) and by project/grant.

<i>Object</i>	<i>Budget</i>	<i>Grant Source</i>	<i>Total Budget</i>	<i>Expected Expenditures in 2009</i>
Salaries & Wages	\$300,750	WA Conservation Commission Good Governance Grant	\$10,700	\$10,700
Personnel Benefits	\$127,420	Implementation Grant	\$39,410	\$39,410
Office & Operating Supplies	\$55,234	Irrigation Efficiencies	\$620,000	\$620,000
Fuel Consumed	\$7,500	Professional Engineering	\$76,500	\$76,500
Supplies Purchased for Resale	\$4,500	Livestock Technical Assistance	\$30,000	\$30,000
Small Tools & Minor Equipment	\$2,000	DOE Water Metering	\$720,000	\$20,000
Repairs & Maintenance (Vehicles)	\$2,400	DOE Water Infrastructure Funds	\$1,039,000	\$400,000
Professional Services	\$371,714	DOE Manastash Restoration Project	\$2,240,000	\$1,160,370
Communication	\$7,000	DOE Hussman Fund (Cle Elum River)	\$50,000	\$50,000
Travel	\$4,500	DOE Upper Kittitas County Water Quality (CCWF)	\$112,958	\$35,000
Advertising	\$5,000	DOE Columbia River Management Program	\$376,068	\$12,000
Insurance	\$7,000	Indirect Federal Funds		
Miscellaneous	\$18,000	Yakima Tributary Access & Habitat Program (BPA)	\$350,000	\$350,000
Subtotal	\$913,018	Manastash In-stream Flow Enhancement (BPA)	\$893,000	\$260,000
Cost Share	\$907,900	Western Federal Lands Hwy Division	\$160,000	\$160,000
Project Construction	\$2,572,538	Salmon Recovery Funding Board- Wilson Creek Restoration, Lower Reecer Creek, Jack/Indian Creek and Cherry Creek	\$1,108,704	\$1,065,976
Subtotal	\$3,480,438	Local Funds		
TOTAL	\$4,393,456	Kittitas County Road Funds	\$7,500	\$3,500
		Kittitas County Special Assessment Funds	\$140,000	\$100,000
		TOTAL	\$7,973,840	\$4,393,456